

XP-002255141

14/31 - (C) WPI / DERWENT

AN - 1995-355367 [46]

AP - JP19940037141 19940308

CPY - SEKI

DC - A28 A32 A82

FS - CPI

IG - B29C39/10 ; B29C43/20 ; B29C45/14 ; B29K101/10 ; C08G59/40 ; C08G59/42 ; C08G59/56 ; C08L63/00

MC - A05-A01E4 A07-A03B A08-C01 A08-D01 A08-E02 A08-M01D A08-R01 A11-B01 A11-B05 A12-B07

PA - (SEKI) SEKISUI CHEM IND CO LTD

PN - JP7242798 A 19950919 DW199546 C08L63/00 031pp

PR - JP19940037141 19940308

XA - C1995-155690

XIC - B29C-039/10 ; B29C-043/20 ; B29C-045/14 ; B29K-101/10 ; C08G-059/40 ; C08G-059/42 ; C08G-059/56 ; C08L-063/00

AB - J07242798 The coating compsns. are thermosetting resin compsns. contg.

(a) thermosetting resins contg. reactive unsatd. bonds, (b) epoxy resins, (c) N-contg. epoxy resin hardeners or polycarboxylic acids or polymercaptans, (d) silane couplers contg. functional gps. having chemical reactivity with (b) or (c), and (e) inorganic colouring pigments, flaky inorganic fillers or minerals having a Mohs hardness of 5-10.

- (a) are pref. epoxy acrylate resins or urethane acrylate resins; (b) are pref. bisphenol A epoxy resin having Mn of below 1000 and epoxy equiv. of at least 100 and below 250; (c) are pref. straight chain aliphatic diamines, alicyclic dicarboxylic acid anhydrides or 1,2-propanedithiol; (d) are pref. trialkoxysilane cpds. The resin compsns. contain 10-70 (15-50) wt.% of (a) and 10-80 (15-75) wt.% of epoxy components ((b) and (c)). 0.5-10 (1-5) pts. (wt.) of (d) are used per 100 pts. of resin components. The coating compsns. have viscosities of below 1000 cps.

- USE - As coating materials for intra-mould coating-moulding.

- ADVANTAGE - The coating compsns. contain epoxy resins having high toughness and fine impact resistance and form coated layers having good impact resistance and adherence to bases.

- (Dwg.0/0)

IW - COATING COMPOSITION INTRA MOULD CONTAIN THERMOSETTING RESIN REACT

UNSATURATED BOND POLYEPOXIDE RESIN NITROGEN CONTAIN POLYEPOXIDE RESIN

HARDEN SILANE COUPLE INORGANIC COLOUR PIGMENT

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HARDEN SILANE COUPLE INORGANIC COLOUR PIGMENT

F47 F34 F86 F87 ; A999 A033 ;
A03 - [001] 017 ; R01023 G1343 G1310 D01 D19 D18 D31 D50 D60 D88 F37 F35
E00 E20 ; P0873 P0839 F41 D01 D51 D63 ; H0011-R ; S9999 S1627 S1605
; M9999 M2073 ;

- [002] 017 ; ND04 ; K9745-R ; Q9999 Q7114-R ; N9999 N6440-R ;
N9999 N7034-R N7023 ; B9999 B4159 B4091 B3838 B3747 ; B9999 B5301
B5298 B5276 ; B9999 B3554-R ;
- [003] 017 ; R01278 D00 F44 C- 4A O- 6A Ca 2A ; R01966 D00 F20 Ti 4B
Tr O- 6A ; A999 A237 ; A999 A771 ;
- [004] 017 ; F07-R F09 F07 D10-R ; R00928 G1809 G1649 D01 D11 D10 D50
D84 F10 F07 ; F35-R F39 D13-R E00-R D65 ; F04 ; A999 A157-R ; A999
A771 ;
- [005] 017 ; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53
D58 D88 ; A999 A157-R ; A999 A760 ; A999 A475 ;
- [006] 017 ; D00 ; R01966 D00 F20 Ti 4B Tr O- 6A ; R01278 D00 F44 C-
4A O- 6A Ca 2A ; A999 A237 ; A999 A771 ; S9999 S1525 ; B9999 B3792
B3747 ;
- [007] 017 ; D00 ; A999 A102 A077 ;
- [008] 017 ; Si 4A ; R05222 G2813 D01 D11 D10 D23 D22 D31 D42 D50 D89
F47 F34 F86 F87 ; A999 A033 ;